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Title:	Waveform and frame structure for fixed wireless loop synchronous CDMA communications system			
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Applicant(s) Name:	L-3 Communications Corp.			
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Abstract

   Disclosed is a method for transmitting information in a CDMA communication system including (a) multiplexing
ntrol information into a data stream; (b) encoding (54) the data stream to form a stream of encoded I/Q symbol pai
(c) inserting synchronization information into the stream of encoded I/Q symbols pairs; and (d) spreading the enco
airs and the inserted synchronization information using a same pseudonoise (pn) spreading code (14e) prior to tra
ame. The preferred frame structure includes an unencoded synchronization field followed by a plurality of multi-by
vidual ones of the plurality of data fields (80A) are separated by a control message field (80B). Individual ones of t
ge fields contain a single byte of a multi-byte control message frame (82).

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